

## Cefotaxime sodium salt

**CMS1193**


### Product Identifier

|                   |   |  |
|-------------------|---|--|
| CAS No.           | : | 64485-93-4   |
| EC No.            | : | 264-915-9  |
| Molecular Formula | : | C <sub>16</sub> H <sub>16</sub> N <sub>5</sub> NaO <sub>7</sub> S <sub>2</sub> |
| Molecular Weight  | : | 477.45   |
| HS Code           | : | 2941 90 90   |
| Storage           | : | 2 - 8°C  |
| Shelf life        | : | 3 years  |

### Technical Specification

|                                       |   |  |
|---------------------------------------|---|--|
| Appearance                            | : | White to yellow hygroscopic crystals or powder |
| Solubility                            | : | 100 mg soluble in 1 mL of water                |
| pH (10% in water at 25°C)             | : | 4.5 - 6.5                                      |
| Specific rotation                     | : | +58.0° to +64.0° (c = 1% in water at 25°C)     |
| Loss on drying (at 100 - 105°C, 3 hr) | : | <= 3.0%  |
| Potency                               | : | 916 - 964 µg/mg                                |
| Assay (HPLC/NT, on dried basis )      | : | 96.0 - 102.0%                                  |

### Safety Information

|                            |   |   |
|----------------------------|---|---|
| Hazard Pictogram(s)        | : |  |
| Signal Word                | : | Danger  |
| Hazard Statement(s)        | : | H317- H334  |
| Precautionary Statement(s) | : | P261- P280- P304 + P340- P333 + P313- P342 + P311- P501                             |
| UN No.                     | : | Not dangerous goods   |
| Class                      | : | -   |
| Packing Group              | : | -   |
| RTECS                      | : | XI0250000   |
| WGK                        | : | 1   |